

### **What is Claimed is:**

1. A status display-enabled connector for a universal asynchronous receiver/transmitter (UART) to transform a UART interface to an Ethernet port interface, comprising:
  - a capturing unit connected to the UART interface for capturing signals of the  
5     UART;
  - a driving unit connected to the capturing unit for generating a driving signal according the captured signals; and
  - a display unit connected to the driving unit for displaying UART transmission status according to the driving signal.
- 10   2. The status display-enabled connector of claim 1, wherein the captured input pins are RXD, CTS and DSR.
3. The status display-enabled connector of claim 2, wherein the captured RXD signals is output to the driving unit through a buffer element.
4. The status display-enabled connector of claim 2, wherein the captured CTS signals is  
15     output to the driving unit through an OR gate switch.
5. The status display-enabled connector of claim 2, wherein the captured DSR signals is output to the driving unit through an OR gate switch.
6. The status display-enabled connector of claim 1, wherein the captured output pins are RTS and DTR.
- 20   7. The status display-enabled connector of claim 6, wherein the captured RTS signals is output to the driving unit through an OR gate switch.
8. The status display-enabled connector of claim 6, wherein the captured DTR signals is output to the driving unit through an OR gate switch.
9. The status display-enabled connector of claim 1, wherein the driving unit includes at

least one metal-oxide-semiconductor field-effect transistor (MOS FET).

10. The status display-enabled connector of claim 9, wherein the MOS FET is a P MOS FET.